

ABSTRACT

In order to provide a rotationally balanced hydraulic swash plate plunger unit, a swash plate plunger pump casing is provided with an unbalanced flange to balance a casing which has a swash plate member therein, without requiring a separate counter weight. A hydraulic swash plate plunger pump includes a pump swash plate member, installed in the pump casing and rotatably supported in an inclined manner therein, and a pump cylinder having a plurality of pump plungers slidably disposed therein. An unbalanced five-sided flange portion is formed integrally with the outer wall of the pump casing, to rotationally balance the entire unit.